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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

10/591,809

Confirmation No. 3399

Applicant(s)

Udo SCHULZ

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Examiner

Noah P. Kamen

Docket No.

R.307677

Customer No.

02119

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Date: April 25, 2008

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b), AND EXPLANATION OF THE RELEVANCE OF THE CITED PRIOR ART

Sir:

The undersigned hereby requests that the prior art cited on the attached prior art statement be placed of record in the application file and be considered by the examiner.

This citation of prior art is made under 37 CFR 1.97(b), since it is being filed before the mailing of the first Office Action.

The relevance of the prior art cited on the attached form PTO/SB/08a is as follows:

US 4,637,351

The invention relates to an automotive type diesel engine provided with a conventional fuel filter water separator has a solenoid operated drain or dump valve for removing liquid contaminant/water automatically when the contaminant or water reaches a

predetermined level actuating a sensor. The removed contaminant or water is then inducted into the engine by means of a venturi/aspirator which in one embodiment has an outlet connected directly to the engine intake manifold to provide the necessary pressure drop or, in another turbo charged diesel engine embodiment, the boost pressure is connected to the inlet of the venturi/aspirator to again induct the liquid contaminant/water into and through the aspirator to be disposed of in the exhaust system of the engine, both embodiments thereby automatically providing for a complete disposal of liquid contaminant/water within the engine and thereby eliminating the need of a periodic draining of the same from the fuel filter by the vehicle operator, for example.

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The invention relates to a system which has a water reservoir and a water sensor for detecting precipitated water. A connecting line is connected to an exhaust gas feedback unit (13) with an exhaust gas inlet and outlet, the inlet being connected to the exhaust gas system (14) and the outlet to the engine (10) on the inlet side. The system has a water reservoir (22) connected to a connection line (24) correspondingly to the engine inlet and separable from the engine by a closure element and connected correspondingly to the fuel system (12), especially the fuel filter, whereby water separated from the fuel can be fed to the engine and the closure element is connected to a water sensor for detecting precipitated water. Independent claims are also included for the following: an arrangement for implementing the method of feeding water into an internal combustion engine of an internal combustion engine system.

Examination of this application is respectfully requested.

Respectfully submitted

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